

SINAMICS S120

Product Data Sheet

6SL3040-1LA00-0AA0

CU310-2 DP control unit

FUNCTION CU310-2 DP control unit	FAMILY SINAMICS S120	ORIGIN Germany	WEIGHT 0.79 kg
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Siemens SINAMICS 6SL3040-1LA00-0AA0 is a CU310-2 DP control unit for the SINAMICS S120. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	CU310-2 DP control unit
Drive Family	SINAMICS S120
Primary Function	Controls one drive axis through PROFIBUS DP communication
Power Architecture	CU310-2 control platform
Voltage Class	24 V DC supply
Current Rating	0.8 A maximum draw
Power Section	Single-axis drive control
Mechanical Design	Compact panel-mounted unit
Electrical Interface	PROFIBUS, DRIVE-CLiQ and Ethernet
Commissioning Check	Restore project and test PROFIBUS diagnostics

- Apply the|single-axis control: Use 6SL3040-1LA00-0AA0 to controls one drive axis through profibus dp communication within the documented SINAMICS S120. Confirm the single-axis drive control, electrical class and controlled system drawing before work.
- Prepare the|PROFIBUS DP integration: Record profibus, drive-cliq and ethernet, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact CU310-2 DP unit arrangement during replacement.
- Complete the|project restore test: Restore project and test PROFIBUS diagnostics. Review Siemens diagnostics and record the final CU310-2 DP unit result before returning the affected function to service.

Match 6SL3040-1LA00-0AA0 to the installed SINAMICS S120, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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